

5

**ABSTRACT OF THE DISCLOSURE**

When performing data processing operations upon data words 2, 4 including a plurality of abutting data values a0, a1, a2, a3, b0, b1, b2 and b3 the results of the operation upon one data value may influence a neighbouring data value in an undesired manner. An error correcting value 34 may be determined from the input data words 2, 4 and then combined with the intermediate result 32 to correct for any undesired interactions between adjacent data values.

[Figure 3]